

PATENT
Docket No. 36992.00089 (HAL ID 198)

Receipt
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF MAILING

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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Office of Initial Patent Examination, Customer Service Center, Washington, D.C. 20231, on

Date: 6/18/02

By: [Signature]

Aaron Wininger

In Re Application of Kenji Yamagami Serial No. 10/033,646 Filing Date: December 27, 2001 For: METHOD AND APPARATUS FOR MANAGING STORAGE BASED REPLICATION	Examiner: Unknown Group Art Unit: 2184
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Office of Initial Patent Examination
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Washington, D.C. 20231

REQUEST TO CORRECT FILING RECEIPT

1. Attached is a copy of the Official Filing Receipt as received from the U.S. Patent And Trademark Office with regard to the above-identified patent application for which issuance of a corrected Filing Receipt is respectfully requested. The errors are shown in red on the Filing Receipt as well as described below.

2. There is an error in that the following data is:

- ☒ incorrectly entered
and/or
- ☐ omitted
- ☐ Applicant's name
- ☐ Applicant's address
- ☐ Title
- ☐ Filing Date
- ☐ Serial Number
- ☐ Foreign Application Reference
- ☐ Attorney Docket No.
- ☒ Other – Assignment For Published Patent Application

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in that the filing receipt should read as follows:

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Assignment For Published Patent Application

Hitachi, Ltd., Tokyo, Japan


3. Please issue a corrected Filing Receipt rectifying the above error.

If for any reason an insufficient fee has been paid, please charge the insufficiency to
Deposit Account No. 05-0150.

Date: 6/18/72

Respectfully submitted,

Squire, Sanders & Dempsey L.L.P.
600 Hansen Way
Palo Alto, CA 94304-1043
Telephone: 650-856-6500
Facsimile: 650-843-8777

By: 
Aaron Winger
Attorney for Applicant
Reg. No. 45,229

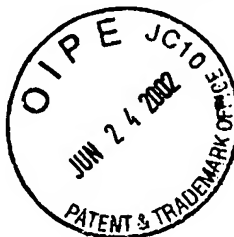


UNITED STATES PATENT AND TRADEMARK OFFICE

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WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/033,646	12/27/2001	2184	926	36992.00089 (HAL 198)	2	21	5

Daryl C. Josephson
Squire, Sanders & Dempsey L.L.P.
600 Hansen Way
Palo Alto, CA 94304



CONFIRMATION NO. 7987

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Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Kenji Yamagami, Los Gatos, CA;

Assignment For Published Patent Application

Hitachi, Ltd., Chiyoda-ku, JAPAN;
Tokyo

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted 01/29/2002

Projected Publication Date: 07/03/2003

Non-Publication Request: No

Early Publication Request: No

Title

Method and apparatus for managing storage based replication

Preliminary Class

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MAR 06 2002

CALENDAR

BY _____
ATTORNEY _____
SQUIRE, SANDERS & DEMPSEY

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/033,646	
	Filing Date	December 27, 2001	
	First Named Inventor	Kenji Yamagami	
	Group Art Unit	2184	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	6	Attorney Docket Number	36992.00089 (HAL 198)

ENCLOSURES (check all that apply)

☒ Fee Transmittal Form (in duplicate)

☐ Fee Attached

☐ Amendment / Response

☐ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☒ Request to Correct Filing Receipt

☐ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/Incomplete Application

☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

☐ Assignment Papers (for an Application)

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a Provisional Application

☐ Power of Attorney, Revocation Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s) _____

☐ After Allowance Communication to Group

☐ Appeal Communication to Board of Appeals and Interferences

☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s) (please identify below):

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Aaron Wininger, Reg. No. 45,229
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600 Hansen Way
Palo Alto, CA 94304-1043

Signature

Date

June 18, 2002

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Typed or printed name

Aaron Wininger

Signature

Date

June 18, 2002

FEE TRANSMITTAL
for FY 2002

Patent fees are subject to annual revision.

Complete if Known

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

0

Application Number

10/033,646

Filing Date

December 27, 2001

Inventor Name

Kenji Yamagami

Examiner Name

Unknown

Group / Art Unit

2184

Attorney Docket No.

36992.00089 (HAL 198)

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METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number

05-0150

Deposit
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Name

Squire, Sanders & Dempsey, L.L.P.

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1)

(\$ 0)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
	0	0	0
Independent Claims	0	0	0
Multiple Dependent		0	0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 0)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
105	130	205	65	Surcharge - late filing fee or oath
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.
139	130	139	130	Non-English specification
147	2,520	147	2,520	For filing a request for reexamination
112	920*	112	920*	Requesting publication of SIR prior to Examiner action
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action
115	110	215	55	Extension for reply within first month
116	400	216	200	Extension for reply within second month
117	920	217	460	Extension for reply within third month
118	1,440	218	720	Extension for reply within fourth month
128	1,960	228	980	Extension for reply within fifth month
119	320	219	160	Notice of Appeal
120	320	220	160	Filing a brief in support of an appeal
121	280	221	140	Request for oral hearing
138	1,510	138	1,510	Petition to institute a public use proceeding
140	110	240	55	Petition to revive - unavoidable
141	1,280	241	640	Petition to revive - unintentional
142	1,280	242	640	Utility issue fee (or reissue)
143	460	243	230	Design issue fee
144	620	244	310	Plant issue fee
122	130	122	130	Petitions to the Commissioner
123	50	123	50	Processing fee under 37 CFR 1.17 (q)
126	180	126	180	Submission of Information Disclosure Stmt
581	40	581	40	Recording each patent assignment per property (times number of properties)
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))
179	740	279	370	Request for Continued Examination (RCE)
169	900	169	900	Request for expedited examination of a design application

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0)

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SUBMITTED BY

Complete (if applicable)

Name (Print/Type)

Aaron Winingar

Registration No. Attorney/Agent)

45,229

Telephone

650.856.6500

Signature

Date

June 18, 2002

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